रजिस्ट्री सं० डी एल—33001/93 REGISTERED NO. DL—33001/93

भारत का राजपत्र
The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं० 8] नई दिल्ली, शनिवार, फरवरी 20, 1993 (फाल्गुन 1, 1914)
No. 8] NEW DELHI, SATURDAY, FEBRUARY 20, 1993 (PHALGUNA 1, 1914)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2
[PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

The PATENT OFFICE

PATENTS AND DESIGNS

Calcutta, the 20th February 1993

ADDRESS AND JURISDICTION OF OFFICES OF THE PATENT OFFICE

The Patent Office has its Head Office at Calcutta and Branch Offices at Bombay, Delhi and Madras having territorial Jurisdiction on a zonal basis as shown below :—

Patent Office Branch,
Todi Estates, III Floor,
Lower Parel (West), Bombay-400 013.

The States of Gujarat, Maharashtra and Madhya Pradesh and the Union Territories of Goa, Daman and Diu and Dadra and Nagar Haveli.

Telegraphic address "PATOFFICE".

Patent Office Branch,
Unit No. 401 to 405, III Floor,
Municipal Market Building,
Saraswati Marg, Karol Bagh,
New Delhi-110 005.

The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan and Uttar Pradesh and the Union Territories of Chandigarh and Delhi.

Telegraphic address "PATENTOFIC".

Patent Office Branch,
61, Wallajah Road,
Madras-600 002.

The States of Andhra Pradesh, Karnataka, Kerala, Tamilnadu and the Union Territories of Pondicherry, Laccadive, Minicoy and Aminidivi Islands.

Telegraphic address "PATENTOFIS".

Patent Office, (Head Office),
"NIZAM PALACE", 2nd M.S.O. Building,
5th, 6th and 7th Floor,
234/4, Acharya Jagadish Bose Road,
Calcutta-700 020.

Rest of India.

Telegraphic address "PATENTS" .

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 or the Patents Rules, 1972 will be received only at the appropriate Offices of the Patent Office.

Fees :—The fees may either be paid in cash or may be sent by Money Order or Postal Order, payable to the Controller at the appropriate Offices or by bank draft or cheque, payable to the Controller rawn on a scheduled bank at the place where the appropriate office is situated.

पेटेंट कार्यालय

एकस्व तथा अभिकल्प

कलकत्ता, दिनांक 20 फरवरी 1993

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ते में अवस्थित है तथा बम्बई, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टोडी इस्टेट,
तीसरा तल, लोअर परेल, (पश्चिम),
बम्बई-400013 ।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश राज्य क्षेत्र एवं संघ शासित क्षेत्र गोआ, दमन तथा दीव एवं दादरा और नागर हवेली ।
तार पता—"पेटोफिस"

पेटेंट कार्यालय शाखा,
एकक सं. 401 से 405, तीसरा तल,
नगरपालिका बाजार भवन,
सरस्वती मार्ग, करोल बाग,
नई दिल्ली-110005 ।

हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर, पंजाब, राजस्थान तथा उत्तर प्रदेश राज्य क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़ तथा दिल्ली ।

तार पता—"पेटेंटोफिक"

पेटेंट कार्यालय शाखा,
61, वालाजाह रोड,
मद्रास-600002 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु राज्य क्षेत्र एवं संघ शासित क्षेत्र पाण्डिचेरी, लक्षद्वीप, मिनिकाय तथा अमिनिदिवि द्वीप ।

तार पता—"पेटोफिस"

पेटेंट कार्यालय (प्रधान कार्यालय)
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय,
भवन 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस रोड,
कलकत्ता-700020 ।

भारत का अवशेष क्षेत्र

तार पता—"पेटेंट्स"

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अपेक्षित सभी आवेदन पत्र, सूचनाएं, विवरण या अन्य प्रलेख पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जाएंगे।

शुल्क :—शुल्कों की अदायगी या तो नकद की जाएगी अथवा उपयुक्त कार्यालय में नियंत्रक को भुगतान योग्य धनादेश अथवा डाक आदेश या जहां उपयुक्त कार्यालय अवस्थित है; उस स्थान के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा चैक द्वारा की जा सकती है ।

THE PATENT OFFICE

Calcutta, the 20th February 1993

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE 234/4, ACHARYA JAGDISH BOSE ROAD, CALCUTTA-20

The dated shown in the crescent branch are dates claimed under section 135, of the Patent Act, 1970.

12th January 1993

16/Cal/93 Metallgesellschaft Aktiengesellschaft. Process of reducing iron oxide-containing fine grained materials by a treatment with a gas.

17/Cal/93 Bernd Hansen. Apparatus for producing liquid filled receptacles. [Divided out of No. 743/Cal/89; dated 8-9-1989].

18/Cal/93 The Babcock & Wilcox Company. Boiler Buckstay system for membraned tube wall end connection.

13th January 1993

19/Cal/93 Royal Packaging Industries Van Leer B. V. Pail Closure application method and paid closure combination.

20/Cal/93 Keravision Inc. Method for corneal curvature variation.

14th January 1993

21/Cal/93 Lucky limited. Chicken growth hormone gene and an expression thereof in.

22/Cal/93 Commonwealth Scientific and Industrial Research organisation. Carbonyl Sulphide Fumigant. (Convention No. PLO426/92; filed on 15-1-92 Australia).

15th January 1993

23/Cal/93 Chitta Ranjan Mukherjee. Flying pedalled Cycle.

24/Calx93 Sri Jhulan Chakraborty. Device for calculating various types of same without the help of table slide rule or any other help.

18th January 1993

25/Cal/93 Anand Swaroop Mahajan, DE, RMAED (Engg.), Metallurgical & Engg. Consultants (I) Ltd. A proposed new technique for on line monitoring of finishing target diameter of bore in horizontal boring.

26/Cal/93 Krone Aktiengesellschaft. Case, in particular cable branching case.

27/Cal/93 Siemens Aktiengesellschaft. Sintered composite material for electrical contacts in power engineering switchgear, and process for the preparation thereof.

28/Cal/93 Yen T. Huang. Modular Roof Structure.

29/Cal/93 Mitsui Toatsu Chemicals, Incorporated. Industrial process for the seperation and recovery of chlorine. [Divided out of No. 114/Cal/89; dated 8-2-1989].

30/Cal/93 Ziggity Systems, Inc. Component watering system.

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, 61, WALLAJAH ROAD, MADRAS-02

14th December 1992

746/Mas/92 Ekanampettai Shanmugam Mohan. Wind power assisted vehicle.

15th December 1992

747/Mas/92 Col. K. Dwarkanath. Collimation system (Computer Moniter Based).

748/Mas/92 N. V. Raychem S. A. Recoverable fabric sleeve. (20th December, 1991) U.K.

749/Mas/92 Sintetica SA. Long-aqueous dispersions or suspensions of pressure-resistant gas-filled microvesicles and methods for the preparation thereof.

750/Mas/92 Nagaoka International Corporation. Method of manufacturing a selective isolation screen.

751/Mas/92 Nagaoka International Corporation. Method of manufacturing a selective isolation screen.

752/Mas/92 L&T-McNeil Limited. A Programmable Controller.

16th December 1992

753/Mas/92 Krishnaswamy Naidu Sampath Kumar. An improved submersible Monoblock Pump.

17th December 1992

754/Mas/92 Sankari Drug Dasappa Govindarajulu. Improved Prime Mover.

755/Mas/92 Hercules Incorporated. hlorine-free sol'd Rocket Propellant for Space Boosters.

756/Mas/92 The Boots Company PLC. Therapeutic agents (23rd December, 1991; U.K.).

757/Mas/92 The Boots Company PLC. Therapeutic agents. (23rd December, 1991; U.K.).

758/Mas/92 The Boots Company PLC. Therapeutic agents. (23rd December, 1991; U.K.).

21st December 1992

759/Mas/92 Rieter Ingolstadt. Process and device for determing ing the diameter of a bobbin at a spinning point of a spinning machine.

22nd December 1992

760/Mas/92 Maschinenfabrik Rieter AG. Car with a transverse belt for guiding fibre web.

23rd December 1992

761/Mas/92 Pradeep Vasanth Garag. The wheeler luggage carrier know nas "portroll".

762/Mas/92 Dr. Joseph George. An improved method of making composite particle boards from rice husk and boards made thereby.

763/Mas/92 Central Power Research Institute. Hand held battery operated capacitor detector.

764/Mas/92 S. & S. Power Switchgear Limited. An improved outdoor gas (SF6) filled porcelain clad circuit breaker.

765/Mas/92 Lucas-TVS Limited. A method of manufacture of a metal-graphite brush for use with effectrical machines and an apparatus for carrying out the said method.

24th December 1992

766/Mas/92 The South India Textile Research Association. A semi-automatic high production machine for extraction of fibre from the fibre bearing vegetable plants.

28th December 1992

767/Mas/92 Messrs Phoenix Lamp Private Limited. A compact fluorescent tube (below 20 m.m. dia) butt scale from the top with heat sink.

768/Mas/92 Dr. Parankubam Venkata Prabhakar Rao (Dr. P. V. P. Rao). Medical device.

769/Mas/92 Sunkyong Industries Co. Ltd. A method for preparing enteric-coated oral drugs containing acid-unstable compounds.

29th December 1992

770/Mas/92 MRF Limited. An improved method of making precured tyre treads and tyre treads made thereby.

771/Mas/92 Lonze Ltd. A process for preparing 4, 6-dialkoxy pyrimidines.

30th December 1992

772/Mas/92 Rieter Ingolstadt. Apparatus for processing a plurality of slivers.

773/Mas/92 Rieter Ingolstadt. Apparatus for moving spinning cans.

774/Mas/92 L&T-McNeil Limited. A hand applicator.

31st December 1992

775/Mas/92 Mannesmann Aktiengesellschaft. Drive device.

1st January 1993

1/Mas/93 R. Srinivasan. Agarbathi-cum-match box.

5th January 1993

2/Mas/93 SMS Schloemann-Siemag Aktiengesellschaft. Process for minimizing the crop losses of ribbed reinforcing wire during its surface hardening and tempering by controlled cooling from the roll heat.

6th January 1993

3/Mas/93 Chandramohan Rammohan. Hanging fan, chandlier flower pots from reinforced concrete or brick ceiling, slab.

8th January 1993

4/Mas/93 Messrs Chelpark Company Pvt. Ltd. An ink for ball point pens and a method of producing the same.

5/Mas/93 Comalco Aluminium Limited. Trickle Alumina Fedder. (January 10 ,1992; New Zealand).

6/Mas/93 Comalco Aluminium Limited. Continuous Alumina Fedder. (January 10 ,1992; New Zealand).

ALTERATION OF DATE

Patent No. 171957 Ante-dated to 14th May, 1986. (200/Mas/90).

Patent No. 171958 Ante-dated to 4th April, 1989. (1025/Mas/90).

Patent No. 171966 Ante-dated to 30th October, 1986. (819/Mas/90)

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, given notice to the Controller of Patents on the prescribed Form 15 of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

The classifications given below in respect of each specification are according to Indian Classification and International Classification.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2/- (postage extra). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office. Photo copying charges may be calculated by adding the number of pages in the specification and drawing sheets mentioned below against each accepted specification and multiplying the same by four to get the charges as the copying charges per page are Rs. 4/-.

स्वीकृत सम्पूर्ण विनिर्देश

एतद्द्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदनों में से किसी पर पेटेंट अनुदान का विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से 4 महीने या अग्रिम ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, एकस्व को ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध संबंधी लिखित वक्तव्य, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

"प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अंतर-राष्ट्रीय वर्गीकरण के अनुरूप है।"

नीचे सूचीगत विनिर्देशों की सीमित संख्यक मुद्रित प्रतियां, भारत सरकार बुक डिपो, 8, किरण शंकर राय रोड, कलकत्ता में विक्रय हेतु यथा समय उपलब्ध होंगी। प्रत्येक विनिर्देश का मूल्य 2/- रु. है। (अतिरिक्त डाक खर्च)। मुद्रित विनिर्देश की आपूर्ति हेतु मांग-पत्र के साथ निम्नलिखित सूची यथा प्रदर्शित विनिर्देशों की संख्या संलग्न रहनी चाहिए।

रूपांकन (चित्र आरेखों) की फोटो प्रतियां यदि कोई हों, के साथ विनिर्देशों की टंकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र-व्यवहार द्वारा सुनिश्चित करने के उपरांत उसकी अदायगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृति विनिर्देश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 4 से गुणा करके; (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 4/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है।]

Ind. Class - 5-D - [GROUP - I(1)] 171951

Int. Cl[4] - A01 G 25/02

SPRAY IRRIGATION SYSTEM

Applicant : TAMIL NADU AGRO ENGINEERING AND SERVICE CO-OPERATIVE FEDERATION LIMITED, A CO-OPERATIVE SOCIETY, REGISTERED UNDER THE TAMIL NADU CO-OPERATIVE SOCIETIES ACT, 1961 OF 117, SIR THYAGARAYA ROAD, T. NAGAR, MADRAS-600 017.

Inventor : J. S. SYIEM.

Application No. 326/MAS/88 filed May 17, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

6 Claims

A Spray Irrigation Sytsem comprising

(i) a convergent delivery pipe, with its base and connected to a pipe from a water pump, for carrying water under pressure, in which the diameter of the pipe connected to the water pump and the diameter of the convergent delivery pipe at the base end are in the ratio of 2:1;

(ii) a spray gun consisting of a metal or PVC pipe to which nozzles made of brass are fitted, each nozzle, hava a diameter of 8 mm to 10 mm at the base and 1 mm to 1.5 mm at the other end and incluined at an angle of 1.5° to 2° to the base;

(iii) a hose line for connecting the convergent delivery pipe to the spray gun; and

(iv) a stand for holding the spray gun, wheerin water pumped at a required rate of pressure passes through the convergent delivery pipe to the spray gun and ejective through the nozzles as a fine spray to reach crop and plants at a distance of 45 to 50 feet and a radius of 10 to 12 feet.

(Com. 8 pages; Drgws. 3 sheets)

Ind. Class - 130-I - [GROUP - XXXIII(7)] 171952

Int. Cl.[4] - C 22 B 41/00

PROCESS FOR THE RECOVERY OF GERMANIUM FORM SOLUTIONS THAT CONTAIN IT.

Applicant : ASTURIANA DE ZINC, S. A. A SPANISH COMPANY, OF FORTUNY N° 18, 2° 28010-MADRID, SPAIN.

Inventors : (1) FRANCISCO JAVIER SITGES MENENDEZ, (2) VINCENTE ARREGUI FERNANDEZ, (3) FERNANDO MARIA SITGES MENENIEZ, (4) ANTONIA DE LA CUADRA HERRERA, (5) FRANCISCO ALVAREZ TAMARGO, (6) MATIAS RODRIGUEZ VALCARCEL, (7) LUIS PRIETO LORENZO.

Application No. 450/MAS/88 filed June 29, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

12 Claims

A process for producing germanium from a fertile solution containing germanium comprising the steps of (a) treating the fertile solution of germanium with an organic solution of an amine as extractant in the presence of polyhydroxy carboxylic acid as a complexing agent at a temperature of 15° to 40°C to obtain an organic extract rich in germanium and an aqueous phase depleated of germanium; (b) washing with water the said organic extract rich in germanium (c) eluting the germanium from the washed organic extract rich in germanium with a basic aqueous solution at a temperature of 15 to 40°C to obtain an organic phase depleated of germanium; (d) treating the said basic aqueous phase rich in germanium with H_2SO_4 to obtain a pH value of 8 to 11, allowing the germanium to precipitate in the form of polygermanate and converting the polygermanate into germanium or germanium dioxide in a conventional manner.

(Com. - 16 pages No Drawing)

Ind. Class - 140-A[6] - [GROUP - KI(2)] 171953

Int. Cl.[4] - C 10 G 71/00

A PROCESS FOR CATALYTIC DEWAXING OF A LUBRICANT BOILING RANGE HYDROCARBON FEED.

Applicant : MOBIL OIL CORPORATION, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF NEW YORK, OF 150 EAST 42nd STREET, NEW YORK-10017, U.S.A. .

Inventor : EMMERSON BOWES

Application No. 526/MAS/88 filed July 26, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

14 Claims

A process for catalytic dewaxing of a lubricant boiling range hydrocarbon feed comprises contacting the feed with extruded, particulate, binder-free intermediate pore size zeolite dewaxing catalyst such as herein described in the presence of hydrogen at a temperature of 204°C to 427°C wherein the temperautre is progressiely incerased during the dewaxing cycle to compensate for catalyst aging, the aging rate of binder-free dewaxing catalyst being less than 2.8°C per day.

(Com - 31 pages; Drwgs. - 1 sheet of size 33.00 cms. by 41.00 cms.)

Ind. Class - 158-D - [GROUP - LII(2)] 171954

Int. Cl.[4] - B 61 F 5/04

A MOUNTING ASSEMBLY FOR USE ON RAILROAD CARS.

Applicant : UNION SWITCH & SIGNAL INC., A CORPORATION OF THE STATE OF DELAWARE, U.S.A., OF 5800 CORPORATE DRIVE, PITTSBURG, ALLEGHENY COUNTY, PENNSYLANIA 15237, U.S.A. .

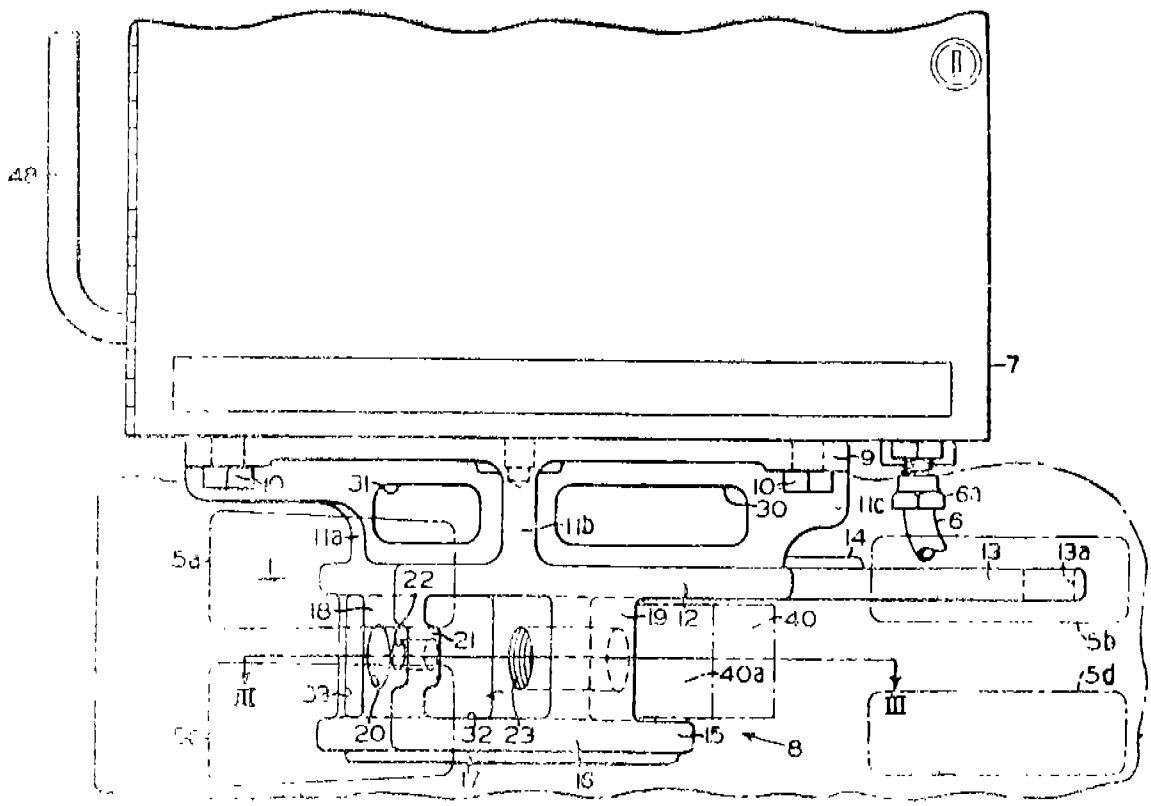
Inventor : DEVIN M McQUISTIAN

Applicaiton No. 301/Mas/89 filed April 20, 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

19 Claims

A mounting assembly for use on railraod cars comprising, a bracket means for suppotring monitoring and telemetering equipment, a clamping means having a paid of elongated fingers insertable into core holes formed in a head portion of a railway car coupler and having a tightening mechanism which has a movable member for engaging th outer web portion between the core holes and which has a threaded rod for causing said movable member to draw said elongated fingers against the inner surface of the web portion of the core holes for securely holding the mounting assembly onto the coupler.



(Com - 19 pages; Drwgs. - 2 sheets each of size 33.00 cms. by 41.00 cms.)

Ind. Class - 173-A - [GROUP - XXIX(2)] 171955

Int. Cl.[4] - B 05 B 1/34

A SPRAY HEAD FOR AN FLUID DISPENSER

Applicant: MOBACC B V, A DUTCH COMPANY OF DEMETERLAAN 30, 9641 ML VEENDAM, THE NETHERLANDS.

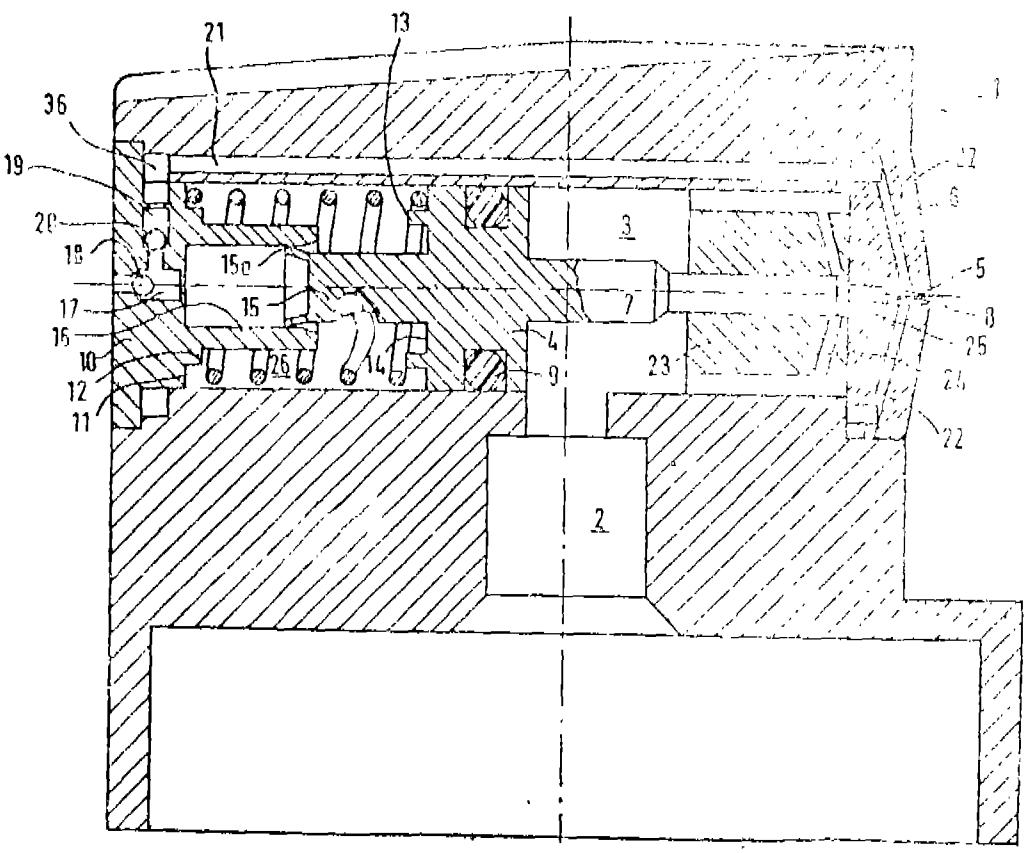
Inventor : ANTONIE PETRUS TEMPELMAN

Application No. 369/MAS/89 filed May 10, 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

26 Claims

A spray head for a fluid dispenser, comprising a connecting duct for sealingly receiving a delivery tube stub of an aerosol valve, a spray orifice; a chamber connecting said connecting duct and said spray orifice; a piston member disposed in said chamber and presenting a needle member cooperating with said spray orifice; and spring means urging said piston member to said spray orifice; said spray orifice being sealed by the end of said needle member in an inoperative position, and the piston member moves against the force exerted by said spring means under the influence of an elevated pressure prevailing in said chamber, whereby the spray orifice is cleared by said needle member, wherein the rear face of the piston member, which faces away from the needle member, defines at least one substantially closed space which through a connecting duct is in communication with a point, located in or near the spray orifice, for the injection of air from said closed space into the product stream to be sprayed through said spray orifice.



(Com.—25 pages; Drwgs.—5 sheets)

Ind. Class. 169-B1 [XXXIX(6)]. 171956

Int. Class[4] - F 41 C-3/00.

"AN IMPROVED AUTOMATIC PISTOL".

Applicant : STURM, RUGER & COMPANY, INC. A DELAWARE CORPORATION OF LACEY PLACE, SOUTHPORT CT 06490 U.S.A.

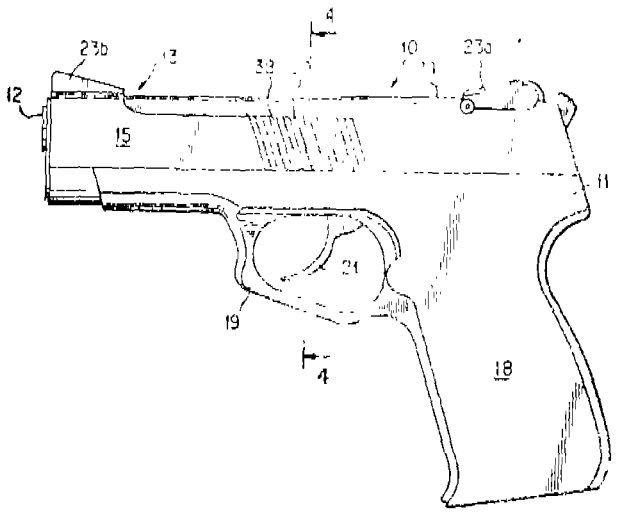
Inventor WILLIAM B. RUGER.

Application No. 465/MAS/89 filed on 14th June 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972). Patent Office Branch, Madras.

4 Claims

In an automatic pistol having a locking mechanism for locking the barrel and slide which slide has an upper portion and two central side portions each of which side portions includes an internal recess, the improvement comprising an external reinforcing element on the exterior of the central slide portion of each slide side which reinforcing element extends less than the entire length of the slide side and is positioned adjacent to the internal recess in the slide side to reinforce the ceitral slide section.



(Complete specification 6 pages; Drawings 3 sheets).

Ind. Class-126-B-[GROUP-LVIII(6)] 171957

Int. Cl.[4]-G 01 V 3/08.

AN APPARATUS FOR OBTAINING A RESISTIVITY SURVEY OF THE EARTH'S SURFACE

Applicant : BORD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, AN INSTITUTION DULY ESTABLISHED ACCORDING TO THE CONSTITUTION OF THE STATE OF TEXAS, OF 201 WEST 7TH STREET, AUSTIN, TEXAS 78701, U.S.A.

Inventor : FRANCIS XAVIER BOSTICK

Application No. 200/MAS/90 filed March 16, 1990.

Divisional to Patent No. 167451; (374/MAS/86), Antedated to May 14, 1986.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

8 Claims

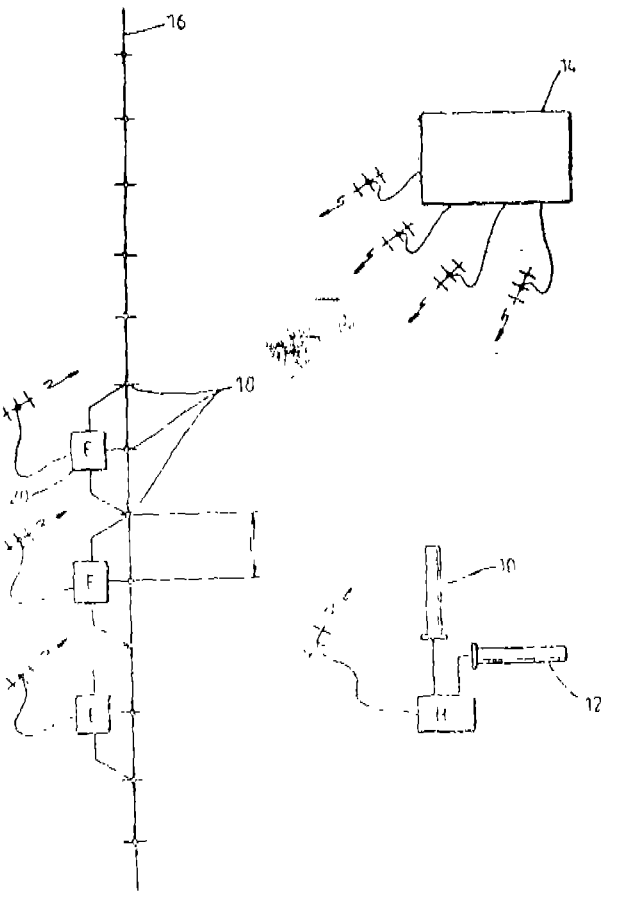
An appratus for obtaining a resistivity survey of the earth's surface, comprising :

means for providing a direct current controlled source of electrical excitation of the earth's surface;

means for simultaneously measuring the electric field excited in the earth's surface by the direct current controlled source at a plurality of points spaced so as to sufficiently sample variations of the electric field along a survey line at a distance from the controlled source;

means for calculating the apparent resistances at each of the points along the survey line from the ratio of the measured electric field to the source current;

means for calculating by a weighing process equivalent to applying a low pass filter to the electric field in wavenumber space with a cutoff wavenumber for the filter that varies substantially inversely proportional to the effective depth of penetration into the earth of the direct current for that distance for predetermined distances from the source the weighted averages of the apparent resistances such that the number of apparent resistances entered into each weighted averege increases with increasing distance; and means for calculating the distribution of resistivity of the earth below the survey line as a function of depth from the weighted apparent resistances.



(Com. 28 Pages; Drwgs.-1 Sheet)

Ind. Class-32-F_3 (b)-[GROUP-IX(1)] 171958

40-F-[GROUP-IV(1)]

Int. Cl.[4]-C 12 P 14/00, C 07 C 51/00.

A METHOD OF PREPARING AN OPTICALLY PURE CARBOXYLIC ACID COMPOUND.

Applicant : SEPRACOR INC., INCORPORATED IN THE STATE OF DELAWARE, OF 33 LOCKE DRIVE, MALBOROUGH, MA 01752, UNITED STATES OF AMERICA.

Inventors : (1) STEPHEN LEE MATSON, (2) STEPHEN ALAN WALD, (3) CAHRIES MELVIN ZEPP, (4) DAVID RICHARD DODDS.

Application No. 1205/MAS/90 filed December 17, 1990

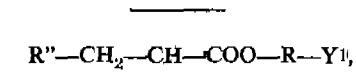
Divisional to Patent Application No. 261/MAS/89 (Antedated to April 4, 1989).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972). Patent Office Branch, Madras.

11 Claims.

A method of preparing an optically pure carboxylic acid compound of formula :

wherein R, is from the group consisting of aryl, aryloxy, alkyl, hydroxyl, protected hydroxyl, and halogen, and R" is selected from the group consisting of hydrogen, benzyl, protected thiol and thiol, comprising :
a. enzymatically resolving a racemic mixture of ester compounds of formula :



wherein R, is selected from the group consisting of aryl, aryloxy, alkyl, hydroxyl, protected hydroxyl, and halogen, R is selected from the group consisting of alkyl and aryl, R" is selected from the group consisting of hydrogen, benzyl, protected thiol and thiol, and Y1 is selected from the group consisting of a quaternary amine, a salt of quaternary amine, inorganic acid, and a salt of inorganic acid, which enhance the aqueous solubility of the esters, by providing in a fluid a racemic mixture of a compound of formula I having at least a first and second stereoisomer, and an enzyme wherein said enzyme catalyzes the reaction of the first stereoisomer in to a resolved compound of formula III; and
b. issolating said resolved compound of formula III from the said fluidin a known manner.

(Com.-147 Pages; Drwgs.-13 Sheets)

Ind. Class : 55-E_4—[GROUP—XIX(1)] 171959

Int. Cl.[4] : A 61 K 35/78

A METHOD OF PREPARING AN AYURVEDIC PASTE FOR CHILD CARE COMPRISING OF SANDAL WOOD PASTE, NUTMEG, PIPPLI, CALAMUS , RUDRAKSH AND GOLD.

Applicant & Inventor : GIRIVAS VISWANATH SHET, (INDIAN), MYSORE SANDAL PRODUCTS, AMARAVATHY, COCHIN-682 001, KERALA.

Application No. 121/MAS/91 filed February 13, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

2 Claims

A method of preparing an Ayurvedic Paste for child care comprising sandal wood paste 10 gms., nutmeg oleoresin 10 gms., Pippli (Long Pepper) oleoresin 10 gms. Calamus oleoresin 20 gms., Rudraksh 10 gms., and gold (1/4th mg. to 100 mg) by intimately mixing.

Compl. specn. 3 pages Drg. Nil

Ind. Class : 55D_1—[GROUP—XIX(1)] 171960

Int. Cl.[4] : A 01 N 65/00

A PROCESS FOR EXTRACTING A PRODUCT FRACTION CONTAINING MORE THAN 70 WEIGHT % OF SESAMIN ANALOGUES.

Applicant : TAKEMOTO YUSHI KABUSHIKI KAISHA, 2-5 MINATO-MACHI, GAMAGOURI-SHI, AICHI-KEN, JAPAN, A JAPANESE CORPORATION.

Inventors : (1) OSAKI, TATSUHIKO, (2) HOSHII, YASUNARI, (3) MATSUEDA, HIROKAZU.

Application No. 203/MAS/91 filed March 11, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

5 Claims

A process for extracting a product fraction containing more than 70 weight % of sesamin analogues comprising the steps of subjecting sesame seed oil to steam stripping at a pressure (P) in the range of 0.5 to 20 mm Hg and at a temperature (t°C) in the range of

$$\left\{\frac{4.24\times10^3}{9.41-\log P}-273\right\}°C \text{ to } 280°C$$

to obtain a steam stripping fraction; and carrying out molecular distillation in a known manner to obtain a product fraction containing more than 70 weight % of sesamin analogues.

Compl. specn. 23 pages Drg. Nil

Ind. Class : 131-A_2—[GROUP—XXVIII(3)] 171961

Int. Cl.[4] : E 21 B 47/12, G 01 V 1/24

AN APPARATUS FOR ACQUIRING AND RECORDING SIGNALS DELIVERED BY A SET OF SENSORS DISPOSED IN WELL PROBES.

Applicant : INSTITUT FRANCAIS DU PETROLE, A FRENCH BODY CORPORATE OF 4, AVENUE DE BOIS PREAU 92502 RUEIL-MALMAISON, FRANCE.

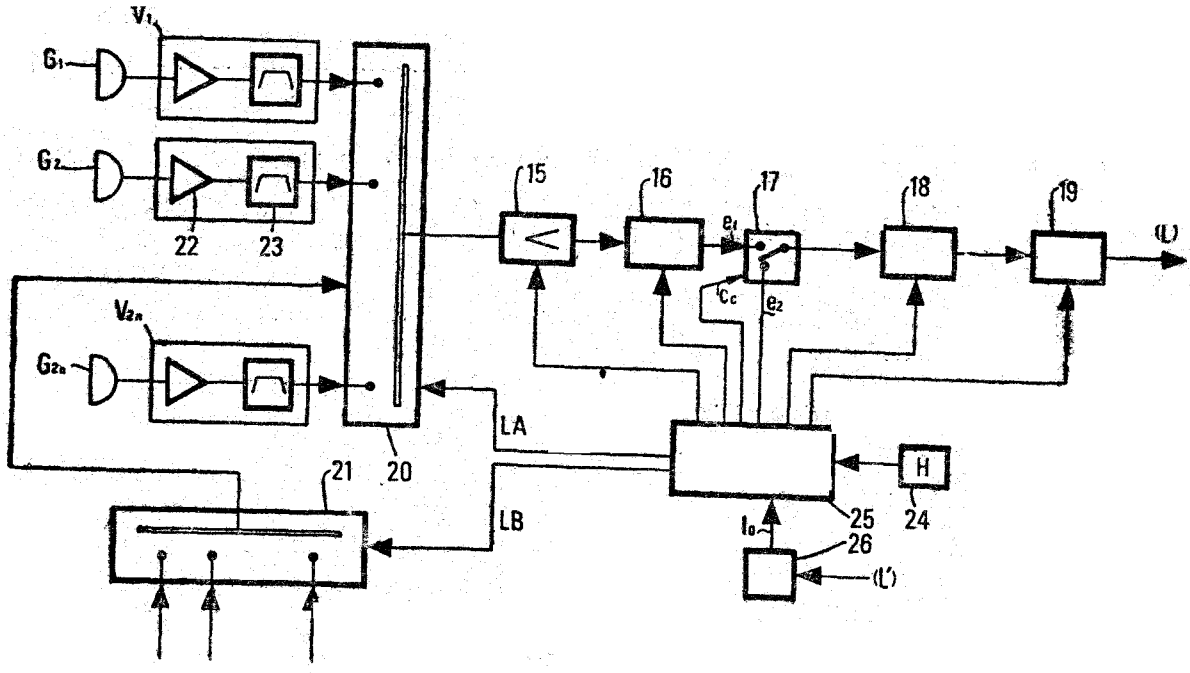
Inventors : (1) JACQUES GRETIN, (2) JEAN-FRANCOIS THEROND.

Application No. 367/MAS/88 filed May 27, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch

9 Claims

An apparatus for acquiring and recording signals delivered by a set of sensors disposed in one or more probes lowered into a well at the end of a multi-functionable provided with signal transmission lines, comprising an acquisition assembly disposed in a probe and having signal amplification means, analog-to-digital conversion means, means for adapting the signals before they are applied to at least one line of the multi-function cable and synchronization means, and a control and recording assembly disposed on the surface and connected to the signal transmission lines, a signal multiplexing assembly formed of at least two parallel multiplexing units each having the same number of input channels, the outputs of the two multiplexing units being interconnected to the input of the acquisition assembly and the input channels of at least one of these two units receiving the signals coming from said sensors, control means for enabling a single multiplexing unit at a time so as to select the input channels thereof and means for controlling the switching of the input channels of the multiplexing assembly at a frequency independent of the number of multiplexing units used, so as to cause the readout frequency of each of the input channels connected to a sensor to vary as a function of the number of multiplexing units used.



(Compl. specn. 26 pages; Drgs. 6 sheets)

Ind. Class : 34-A—[GROUP—X] 171962

Int. Cl.[4] : D 01 D 5/06

PROCESS FOR PRODUCING POLYVINYL ALCOHOL YARNS.

Applicant : AKZO NV., OF 6824 ARNHEM, VELPERWEG 76, NETHERLANDS, A DUTCH COMPANY.

Inventors : (1) JAN SMOOK, (2) GERARDUS JOHANNES HENDRICUS VOS, (3) JOHANNES ANTHONY JUIJN, (4) THEODORUS JOHNNES VAN HEES.

Application No. 559/MAS/88 filed August 3, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

Claims

A process for producing polyvinyl alcohol yarns having a viscosimeteric average molecular weight (Mv) of 10^5 to $4x\ 10^5$ comprising spinning a solution of polyvinyl alcohol in an organic solvent by means of a spinning die having one of more channels in the direction of flow of the spinning solution with a length of at least five times the diameter of the said channel into a coagulation bath through an air gap or gap with inert gas and stretching the said yarn wherein the concentration (C) in percentage by weight of the said solution of polyvinyl alcohol is kept at C> (30—5×10^5 Mv).

(Compl. specn. 18 pages; Drg. 1 sheet)

Ind. Class : 139-A—[GROUP—IV(2)] 171963

Int. Cl.[4] : C 09 C 1/48.

"PROCESS FOR PRODUCING CARBON BLACK".

Applicant : CABOT CORPORATION , A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF DELAWARE OF 950 WINTER STREET, P.O. BOX 9073, WALTHAM, MA 02254-9073, U.S.A.

Inventor : KAM BOR LEE.

Application No. 589/MAS/88 filed August 18, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch

Claims

In a modular process for producing furnace carbon blacks wherein a fuel and an oxidant are reacted so as to provide a stream of hot primary combustion gases possessing sufficient energy to convert a carbon black yielding liquid hydrocarbon feedstock to carbon black, and wherein liquid hydrocarbon feedstock is peripherally ibjected, in the form of a plurality of non-preatomized coherent streams or preatomized streams, into the stream of gaseous combustion products at a point where the combustion gas stream has reached maximum velocity in a direction substantially transverse to the direction of flow of the stream of combustion gases and under sufficient pressure to achieve a degree of penetration required for proper shearing and mixing of the feedstock, and wherein the feedstock is decomposed and converted into carbon black prior to termination of the carbon forming reaction by quenching, and then cooling, separating and recovering the resultant carbon black, the improvement comprises introducing a sufficient portion of the total amount of liquid hydrocarbon feedstock into the combustion gas stream prior to the point at which the stream of combustion gases reaches maximum velocity an dat a point upstream of which no further increase of the CDBP of the resultant carbon black caused by injecting feedstock into the hot combustion gas stream prior to the point at which the combustion gas stream has reached maximum velocity is observed to thereby produce carbon blacks having wider aggregate size distribution.

(Compl. specn. 19 pages. Drgsfl 2 sheets)

Ind. Class : 25-D—[XXV(1)] 171964

Int. Cl.[4] : B 28 B 1/26.

A SLIP COMPOSITION.

Applicant : THE LOW CHEMICAL COMPANY, A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, OF 2030 DOW CENTER, ABBOTT ROAD, MIDLAND, MICHIGAN 48640, U. S. A.

Inventors : (1) BRIAN D KOBLINSKI, (2) ALAN P CROFT, (3) ALFREDO C TAMEZ.

Application No. 652/MAS/88 filed September 166. 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

11 Claims

A slip composition comprising :

(a) a slip medium comprising alcohols, hydrocarbons, chlorinated hydrocarbons and water;

(b) a particulate material comprising slays;

(c) an amount of a binder effective to maintain the green strength of articles prepared from the slip compositions; and

(d) from 0.0001 to 1 weight percent of a polyalkylene polyamide with a general formula :

$$H_2N[(CH_2)_n (CH_2CH_2NH)_m]_pH$$

having an average molecular weight of less than 1,000 and comprising at least one compound of the said formula: wherein n is zero to 6, m is 1 to 6, and p is 1 to 15, with the proviso that n and m may vary independently within a molecule from one repeating unit to the next.

(Compl. specn 38 pages; Drg. Nil)

Ind. Class : 101-B—[GROUP—XXVIII(2)] 171965

Int. Cl.[4] : E 02 B 3/04.

AN APPARATUS FOR HARNESSING POWER FROM A FLUID FLOW.

Applicant : MORGAN, ROBERT LEWIS, OF FLAT B, 2 WILBERFORCE ROAD, SOUTHSEA, HAMPSHIRE PO 5 3DR, UNITED KINGDOM, A BRITISH NATIONAL.

Inventor : ROBERT LEWIS MORGAN.

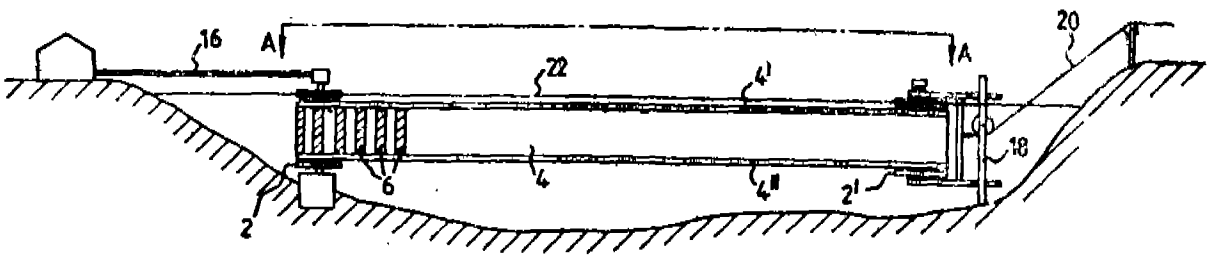
Application No. 63/MAS/89 filed January 24, 1989.

Convention date : January 25, 1988; (No. 8801547; United Kingdom).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

15 Claims

An apparatus for harnessing power from a fluid flow comprising at least two cylinders (2,2') mounting means (18) for mounting the said cylinders with the axes of the cylinders parallel and with the said axes spaced apart from one another in a direction extending athwart the direction of the fluid flow, a continuous belt (4) encircling the said cylinders, the said belt having at least one vane (6) rotatable about an axis perpendicular to the direction of fluid flow, means for positioning (12, 14) the or each vane obliquely with respect to the direction of fluid flow, transmitting means (16) coupled to at least one of the said cylinders for transmitting power from the fluid flow through rotation of the cylinder ,and accumulating means (38) for accumulating the transmitted power.



(Compl. specn. 13 pages; Drgs. 2 sheets)

Ind. Class : 33-A&F—[GROUP—XXXIII(3)] 171966

Int. Cl.[4] : B 29 C 67/04.

A METHOD OF PRODUCING AN AT LEAST PARTIALLY SINTERED ARTICLE.

Applicant : POROUS PLASTICS LIMITED, A BRITISH COMPANY OF MARBAIX HOUSE, BESSEMER ROAD, BASINGSTOKE, RG21 3NT, ENGLAND.

Inventors : (1) RODERICK JAIN DAVIDSON, (2) PETER RIDSDALE HORNSBY.

Application No. 819/MAS/90 filed October 16, 1990.

Convention date : November 7, 1985; (No. 85/27465, Great Britain).

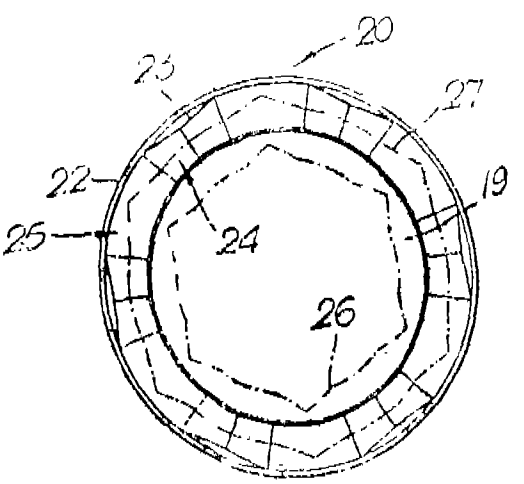
Divisional to Patent No. 168883 (852/MAS/86); Antedated to October 30, 1986.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

7 Claims

A method of producing an at least partially sintered article such as herein described comprising the steps of :

introducing sinterable material such as herein described into a mould as claimed in Patent No. 168,883 and heating the mould with the sinterable material by microwave radiation at a predetermined microwave frequency in the range 400 MHz to 10,000 MHz for effecting partial sintering of the said sinterable material.



(Compl. specn. 33 pages; Drgs. 2 sheets)

Ind. Class : 40-F—[GROUP—IV(1)] 171967

Int. Cl.[4] : B 01 L 11/00.

AN APPARATUS FOR AUTOMATIC IMMUNOASSAY, FOR AUTOMATIC DETECTION, OF AT LEAST ONE BIOLOGICAL SUBSTANCE IN A PLURALITY OF BIOLOGICAL SAMPLES TO BE ANALYSED, IN SEVERAL SUCCESSIVE STEPS CONSTITUTING AN ANALYSIS CYCLE.

Applicant : LABORATORIES BIOTROL, 1 RUE DU FOIN, 75140 PARIS, CADEX 03, FRANCE, A FRENCH COMPANY.

Inventors : (1) UZAN MICHEL, (2) GICQUEL THIERRY, (3) LENTWOJT EDOUARD, (4) NARMINIO DARIO.

Application No. 2/MAS/91 filed January 1, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

13 Claims

An apparatus for automatic immunoassay, for automated detection, of at least one biological substance in a plurality of biological samples to be analysed, in several successive steps constituting an analysis cycle, of the type comprising :

a sample module (A) constisting of a plurality of holders for tubes (Te) capable of containing the said samples;

a reaction module (C) consisting of a plurality of holders for tubes (Tr) intended to receive successively an aliquot quantity of the said samples and an aliquot quantity of a suitable reagent;

a reagents module (E) consisting of a plurality of holders for tubes capable of containing the reagent (s) appropriate to the different assays to be carried out, at least one of the said reagents being in the form of magnetic balls;

samples collecting means (B) for collecting and distributing the samples in the tubes (Tr) of the said reaction module;

reagents collecting means (D) for collecting and distributing the reagents in the tubes of the said reaction module;

reading means for reading the reaction effected in the reaction module;

at least one means for decontamination (101 to 110), by flushing, of said collecting means for collecting and distributing the samples and the reagents and;

an information system consisting of a computer controlling the said modules and said means, and permitting the succession of analysis cycles to be carried out;

the said reaction module (C) comprises a washing device of said imagnetic balls, having at least one means for applying a magnetic field to the lower part of the said tubes capable of containing the sample to be analysed and one or more reagents appropriate to the assays to be carried out and a washing thead (L) comprising at least one suction means (20) for sucking the liquid contained in the said tubes, at least one distribution means (21) for distributing a washing liquid to the said tubes, and preferably, at least one additional distribution means (22) for distributing a suitable substrate;

the sample module (A), the reaction module (C) and the reagents module (E) are connected to a control microprocessor.

Compl. Specn. 41 pages. Drg. 5 sheets.

Ind. Cl.: 83-A_1—[GROUP—XIV(5)] 171968

Int. Cl.[4] : A 23 G 1/02

AN IMPROVED METHOD OF MANUFACTURING COCOA PRODUCTS FROM COCOA BEANS.

Applicants : (1) SOCIETE DES PRODUITS NESTLE S.A., CASE POSTALE 353, 1800 VEVEY, SWITZERLAND, A COMPANY INCORPORATED IN SWITZERLAND AND (2) GOLDEN HOPE PLANTATIONS BERHAD, P.O. BOX 11043, 50400 KUALA LUMPUR, MALAYSIA, A COMPANY INCORPORATED IN MALAYSIA.

Inventors : (1) ULRICH BANGERTER, (2) BENG HWA BEH, (3) IAN JAMES PILKINGTON, (4) ALFRED BRENTON CALLIS.

Application No. 63/Mas/91 filed on January 30, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

13 Claims No Drawing

In a method of manufacturing cocoa products from cocoa beans, the improvement comprising passing the fresh cocoa beans dynamically through a fruit or vegetable depulper to remove from 10 to 30% by weight of pulp based on the original total combined weight of beans and pulp, drying the partially depulped beans to obtain partially dried depulped beans wherein the total amount of pulp removed is from 25 to 50% by weight of pulp based on the original total combined weight of beans and pulp, and fermenting the partially dried depulped beans in a known manner.

Compl. Specn. 17 pages.

Ind. Cl. : 152-F—[GROUP—XXII(2)] 171969

Int. Cl.[4] : C 08 L 69/00

A PROCESS FOR PREPARING A POLYMERIZABLE LIQUID COMPOSITION CAPABLE OF POLYMERIZING BY FREE-RADICAL POLYMERIZATION.

Applicant : ENICHEM SYNTHESIS S p A., A COMPANY ORGANISED UNDER THE LAWS OF THE ITALIAN REPUBLIC, OF VIA RUGGERO SETTIMO, 55-PALERMO, ITALY.

Inventors : (1) FLORENZO RENZI, (2) FRANCO RIVETTI, (3) UGO ROMANO.

Application No. 709/Mas/91 filed on September 18, 1991.

Divisional to Patent Application No. 422/Mas/88, Antedated to 21st June, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

7 Claims

A process for preparing a polymerizable liquid composition capable of polymerizing by free-radical polymerization and having low shrinkage factor and suitable for producing thermally stable organic glasses, comprising the steps of preparing a mixture by mixing (A) diallyl carbonate with a mixture of (B) a linear or branched aliphatic diol having from 3 to 10 carbon atoms and (C) a cycloaliphatic diol, wherein the molar ratio of component A to the mixture of component B and component C is not less than 3 : 1, the amount of component C in the mixture of component B and component C is not more than 90% by weight; subjecting the said mixture to a transesterification reaction in the presence of an alkaline catalyst at a temperature of 80° to 160°C and adding to the reaction product an amount of 1% to 6% by weight of a polymerization initiator to obtain the polymerizable liquid composition for producing thermally stable organic glasses.

Compl. Specn. 34 pages. Drg. 2 sheets.

Ind. Cl. : 32-F_{32}—[GROUP—IX(1)] 171970

Int. Cl.[4] : C 07 C 49/76

A PROCESS FOR THE PREPARATION OF PARA-HYDROXYACETOPHENONE.

Applicant : SHASUN CHEMICALS (M) LTD., NO. 13, NAGESWARA RAO ROAD, MADRAS-600 017, TAMIL NADU, INDIA, AN INDIAN COMPANY.

Inventor : DR. B. RAMESH BABU.

Application No. 735/Mas/91 filled on September 27, 1991.

Appropriate Office for Opposition Proceedings (Rule 4 Patents Rules, 1972), Patent Office, Madras Branch.

2 Claims

A process for the preparation of parahydroxyacetophenone of formula I of the accompanying drawing,

characterized in that reacting phenol (II) with acetic anhydride in presence of 10% sodium hydroxide solution to give phenyl acetate (III) and sodium acetate the said phenyl acetate is reacted with aluminium chloride under anhydrous conditions at a temperature in the range of 60—100°C to obtain the compound of formula I of the accompanying drawing.

Compl. pages. Drg. 1 sheet.

PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undernoted specification are available for sale from the Patent Office, Calcutta, and its branches at Bombay, Madras, and Delhi at two rupees per copy :—

160638 160639 160640 160641 160642 160643 160644 160645
160646 160647 160648 160649 160650 160651 160652 160653
160654 160655 160656 160657 160658 160659 160660 160661
160662 160663 160664 160665 160666 160667 160668 160669
160670 160671 160672 160673 160674 160675 160676 160677
160678 160679 160680 160681 160682 160683 160684 160685
160686 160687 160688 160689 160690 160691 160692 160693
160694 160695 160696 160697 160698 160699 160700 160701
160702 160703 160704 160705 160706 160707 160708 160709
160710 160711 160712 160713 170714 170715 170716 170717
170718 170719 170720 170721 170722 170723 170724 170725
170726 170727 170728 170729 170730 170731 170732 170733
170734 170735 170736 170737 170738 170739 170740 170741
170742 170743 170744 170745 170746 170747 170748 170749
170750 170751 170752 170753 170754 170755 170756 170757
170758 170759 170760 170761 170762 170763 170764 170765
170766 170767 170768 170769 170770 170771 170772 170773
170774 170775 170776 170777 170778 170779 170780 170781
170782 170783 170784 170785 170786

PATENT SEALED ON 22-01-1993

168954 * 169432 * 169518 160519 169520 169531 * 169533
169566 169567 169590 * 169599 * 169600 * 169618 169631
169638 169642 169716 169717 169790 169791 169792
169794 * 169795 169796 169797 169814 169905 169907
16908 169909 169910 169932 169933 169966 170039 170093
170099

Cal—15, Del—03, Mas—19 & Bom—Nil.

Patent shall be deemed to be endorsed with the words "LICENCE OF RIGHT" Under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of Sealing.

AMENDMENT PROCEEDINGS UNDER SECTION 57

Notice is hereby given that Spx corporation of 700 Terrance Point Drive, Post Box No. 3301 Muskagon, Michigan 49443-3301, U.S.A., a Corporation organized and existing under the laws of the State of Delaware, U.S.A. have made an application under Section 57 of the Patent Act, 1970 for amendment of specification of their Patent No. 171611 for Refrigerant recovery, purification and recharging system.

The application for amendment and the proposed amendments can be inspected free of charge at the Patent office 234/4, Acharya Jagadish Bose Road, Calcutta-700020 or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed Form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said notice.

PATENT SHALL BE DEEMED TO BE ENDORSED WITH THE WORDS "LICENCE OF RIGHT" UNDER SECTION—87

154773 155665 163019 163187 163334 163437 163520 163270
163279 163280 163338 163385 163406 163430 163319 162290
163402 163436 163439 163458 163459 163463 159159 161565
162610 163288 163297 163381 163425 163473 163517 163522
163527 163530 163562 163563 163588 163594 163544 163391
163393 163419 163593 163596 163598 163601 163589 163616
163630 163637 163639 163691 163285 163576 163582 163626
163653 163655 163666 163667 163672 163676 163693 163714
163720 163730 163740 163753 163755

RENEWAL FEES PAID

149827 150018 150029 150157 150295 150303 150330 150506
150670 150732 151318 151328 151376 151456 151842 152122
152177 152283 152365 152704 152705 152871 152922 153095
153110 153171 153211 153247 153410 153436 153732 153851
153857 153895 154057 154058 154089 154138 154140 154155
155117 155244 155577 155629 155766 155794 155956 156053
156097 156101 156143 156166 156188 156197 156262 156305
156437 156519 156743 156747 156875 156915 157120 157338
157403 157572 157574 157585 157719 157796 157855 157903
158038 158157 158159 158377 158395 158508 158582 158612
158632 158766 158820 158850 158947 158979 158987 159120
159236 159394 159500 159527 159609 159687 159841 159874
159876 159913 159938 159941 159981 160085 160370 160803
160426 160855 160986 161084 161099 161339 161345 161381
161384 161403 161512 161584 161595 161596 161634 161721
161983 162127 162342 162400 162414 162481 163004 163007
163013 163014 163027 163036 163097 163151 163228 163311
163341 163361 163363 163371 163614 163728 163802 163858
163876 164064 164236 164695 164732 164737 164870 164871
164891 164904 164930 164995 165044 165046 165052 165365
165368 165472 165637 165651 165924 165941 165942 165943
166027 166035 166052 166198 166298 166427 166503 166538
166610 166750 166801 166809 166992 166993 166997 167100
167131 167165 167348 167471 167529 167547 167553 167575
167632 167650 167890 167964 168039 168099 168128 168173
168204 168275 168288 168289 168389 168477 168563 168635
168650 168673 168718 168815 168841 168845 168912 168934
168936 168955 168977 168997 169389 169426 169436 169444
169456 169457 169473 169476 169513 169516 169551 169573
169559 169595 169637 169693 169713 169714 169804 169838
169921 169983

CESSATION OF PATENTS

160808 160812 160823 160832 160836 160852 160857 160858
160859 160860 160865 160867 160874 160878 160879 160881
160888 160889 160891 160899 160901 160902 160903 160904
160910 160913 160915 160921 160929 160931 160933 160934
160936 160939 160940 160943 160948 160953 160957 160961
160963 160965 160966 160967 160972 160973 160975 160976
160984 160997 161002 161007 161013 161015 161020 161021
161022 161024 161031 161035 161039 161042 161043 161044
161045 161047 161050 161051 161062 161064 161065 161067
161070 161072 161077 161081 161088 161089

REGISTRATION OF ASSIGNMENT LICENCES ETC. (PATENTS)

Assignments, licence or other transactions officiating the interest of the original Patentee have been registered in the following case.

168524 · Raisa Vladimirovna Gainutdinova.

Name Index of Application for Patents in respect of Patent Office Calcutta & its branches for the month of July, 1992 (*Nos.* 466/*Cal*/92 *to* 545/*Cal*/92, 208/*Bom*/92 to 234/*Bom*/92, 405/*Mas*/92 *to* 465/*Mas*/92 *and* 579/*Del*/92 *to* 686/*Del*/92.)

Name and application No.

CALCUTTA

(466/*Cal*/92 *to* 545/*Cal*/92)

A

AMC International Alfa Metalcraft Corporation, AG.—481/Cal/92 & 482/Cal/92.
Accuware Corporation.—530/Cal/92.
Ankal Pty. Ltd.—526/Cal/92.
Ausimont S.P.A.—522/Cal/92.
Australian and Overseas Telecommunications Corporation, Ltd.—542/Cal/92.

B

Babcock & Wilcox Co., The.—480/Cal/92.
Banerjee, P.—491/Cal/92.
Banerji, P.—518/Cal/92 & 539/Cal/92.
Bertagni Electronic Sound Transducers International Corportion.—508/Cal/92.
Bhattacharjee, B.C. (Prof.).—515/Cal/92.
Brod & Mcclung-Pace Co.—538/Cal/92.

C

Cebal SA.—469/Cal/92.
Chakraborty, T.—521/Cal/92.
China Great Wall Industry Corporation.—490/Cal/92.
Cosmos Entwicklungs-Und Forschungsanstalt.—493/Cal/92.

D

Degussa Aktiengesellschaft.—533/Cal/92.
Deutsche Thomson-Brandt GmbH.—523/Cal/92.
Deutsche Voest-Alpine Industrieanlagenbau GmbH.—483/Cal/92.
Diffusion Alloys Ltd.—525/Cal/92.
Dow Corning S.A.—544/Cal/92.

E

ECP Enichem Polimeri S.r.l.—478/Cal/92, 479/Cal/92, 485/Cal/92, 486/Cal/92, 487/Cal/92 & 520/Cal/92.
E.I. Du Pont De Nemours & Co.—466/Cal/92, 510/Cal/92, 512/Cal/92 & 531/Cal/92.
ELF Atochem North America, Inc.—519/Cal/92.
EMS-Inventa AG.—467/Cal/92.
Enichem Elastomeri S.r.l.—477/Cal/92.

F

Franz Plasser Bahnbaumaschinen-Industriegesellschaft m.b.-H.—541/Cal/92.
Fudan University.—490/Cal/92.

G

G. Hurzikar AG.—502/Cal/92.
Gene Shears Pty. Ltd.—474/Cal/92.

H

Himont Incorporated.—540/Cal/92.
Hoechst Aktiengesellschaft.—506/Cal/92, 535/Cal/92 & 543/Cal/92.
Hollandse Signaalapparaten B.V.—513/Cal/92 & 537/Cal/92.

I

Instytut Ciezkiej Syntezy Organicznej "Blachownia".—516/Cal/92 & 517/Cal/92.
International Flower Developments Pty. Ltd.—494/Cal/92.

J

J.A.S. Technology (Australia) Pty. Ltd.—505/Cal/92.
Jana N.G.—500 Cal/92 & 501/Cal/92.
Johnson & Johnson Inc.—488/Cal/92 & 489/Cal/92.

K

Krone Aktiengesellschaft.—529/Cal/92 & 534/Cal/92.

L

Leiras OY.—484/Cal/92.

M

Magnetek May & Christe GmbH.—492/Cal/92.
Mainmeer Investments Pty. Ltd.—507/Cal/92.
Mechanische Werkstatten Konigswartha GmbH.—471/Cal/92.
Metallgesellschaft Aktiengesellschaft.—509/Cal/92.
Mukherjee A.K.—498/Cal/92.

O

O & K Orenstein & Koppel AG.—475/Cal/92.
Orbital Walbro Corporation.—742/Cal/92.

P

Patentes Y. Novedades ,S. L.—527/Cal/92.
Pro-Neuron Inc.—473/Cal/92.

R

Reckitt & Colman of India Ltd.—503/Cal/92.
Rexnord Corporation.—504/Cal/92.

S

Samsung Electronics Co. Ltd.—511/Cal/92.
Siemens Aktiengesellschaft.—497/Cal/92, 524/Cal/92, 525/Cal/92 & 536/Cal/92.
Somar Corporation.—532/Cal/92.
Song J.S.—495/Cal/92.
Song K. J.—495/Cal/92.
Song Y. S.—495/Cal/92.
Soros International Inc.—476/Cal/92.
Stork Brabant B.V.—470/Cal/92.
Sumitomo Chemical Co. Lt.—499/Cal/92.

T

Tea Research Association.—528/Cal/92.
Trico-Folberth Ltd.—496/Cal/92.

U

Union Camp Corporation.—514/Cal/92.

Y

Yang, T.H.—468/Cal/92.
York International Corporation.—545/Cal/92.

Z

Zaklody Chemiczne "Blachownia".—516/Cal/92.

BOMBAY

(208/*Bom*/92 *to* 234/*Bom*/92)

C

Chhatre. A.S. (Shri).—221/Bom/92.

D

Dattatraya, T.S.—216/Bom/92.

Director, Automotive Research Association of India, The.—224/Bom/92.

D'mello, G. (Mr.).—217/Bom/92.

E

Eagle Flask Industries Ltd.—208/Bom/92 & 209/Bom/92.

H

Harish Textile Engineers Ltd. M/s.—218/Bom/92 & 219/Bom/92.

Hindustan Lever Ltd.—212/Bom/92, 214/Bom/92, 222/Bom/92, 223/Bom/92, 230/Bom/92 & 231/Bom/92.

Hindustan Organic Chemicals Ltd.—211/Bom/92.

I

Indo-German Laboratores.—225/Bom/92.

J

Joshi, D. A. (Shri).—229/Bom/92.

Junnarkar A. N. (Shri).—213/Bom/92.

K

Kamladsha, S. N. (Mrs.).— 226/Bom/92 & 227/Bom/92.

L

Lohar, B.P. (Shri).—233/Bom/92.

M

Mankad, K. V. (Shri).—228/Bom/92.

Matalia, P. M. (Shri).—234/Bom/92.

Matalia, S. M. (Shri).—234/Bom/92.

P

Panchal, M. H.—210/Bom/92.

Parikh, A. R (Shri).—232/Bom/92.

Patel, D. B. (Shri).—220/Bom/92.

U

Universal Luggage Manufacturing Co. Ltd.—215/Bom/92.

V

Vaidya, S. S. (Shri).—221/Bom/92.

MADRAS

(405/*Mas*/92 *to* 465/*Mas*/92.)

A

A Ahlstrom Corporation.—425/Mas/92.

Allied Colloids Ltd.—465/Mas/92.

Amsted Industries Incorporated.—446/Mas/92.

B

BASF Aktiengesellschaft.—430/Mas/92 & 431/Mas/92.

Ballenegger, C.—406/Mas/92.

Boots Co. Plc., The.—422/Mas/92.

Bracker AG.—415/Mas/92.

Bryant, D. R.—405/Mas/92.

C

Chandramouli, P.—464/Mas/92.

Colline Motor Corporation.—456/Mas/92.

Corcoran, D. P.—463/Mas/92.

Crain Industries, Inc..—451/Mas/92.

D

DSM M. V.—442/Mas/92.

Denki Tetsushin Industries Co. Ltd.—458/Mas/92.

E

Entex Engineering Corporation.—414/Mas/92.

F

Felfex Modular Carpets Pty. Ltd.—408/Mas/92.

Foseco International Ltd.—450/Mas/92.

G

George J. (Dr).—427/Mas/92. 428/Mas/92 & 457/Mas/92.

Grimberg G.S.—439/Mas/92.

H

Hoechst Aktiengesellschaft.—407/Mas/92.

I

Idemitsu Kosan Co. Ltd.—441/Mas/92.

Inland Steel Co.—419/Mas/92.

J

Jayaraj, V.—433/Mas/92.

Joe, S. J.—411/Mas/92.

Jose Vettukallel Emmanuel.—449/Mas/92.

K

Katsu Manufacturing Co. Ltd.—453/Mas/92.

Korea Research Institute of Chemical Technology.—409/Mas/92 & 410/Mas/92.

Kurup, P. G.—454/Mas/92.

L

Lang, T. R.—440/Mas/92.

Laube Hans-Lurgen.—424/Mas/92.

M

Maschinenfabrik Rieter AG.—423/Mas/92, 432/Mas/92, 461/Mas/92.

Mathen, P. K.—455/Mas/92.

Monsanto Co.,—412/Mas/92.

P

Papa, A. J.—405/Mas/92.

R

Raychem Ltd.,—452/Mas/92.

Roberts J. C.—437/Mas/92.

S

Savio S.P.A.—444/Mas/92.

Schieferdecker GmbH & Co., KG.—418/Mas/92.

Scimat Ltd.,—413/Mas/92.

Shet, G. V.,—420/Mas/92, 421/Mas/92.

Singhal H. C. (W. G., CDR)—426/Mas/92.

Skihari, K. L.—448/Mas/92.

Snamprogetti S.P.A.—417/Mas/92.

Societe Des Produits Nestle S.A.—434/Mas/92.

Stanncarbon B.V.,—435/Mas/92.

T

7/Mas/92.
T. (M.A.).—462/Mas/92.

U

Casale S.A..—429/Mas/92.

W

Wacker-Chemie GmbH.—459/Mas/92.
Walvekar, H. K.—436/Mas/92.
Wellcome Foundation Ltd. The.—460/Mas/92.

Z

Zachariah. G.—416/Mas/92.
Zeller Closures, Inc.—438/Mas/92.
Zellweger Uster, Inc.—443/Mas/92, 445/Mas/92.

DELHI

(579/Del/92 to 686/Del/92)

A

Aktiebolaget Astra.—644/Del/92.
Asahi Denka Kogyo Kabushiki Kaisha.—641/Del/92. 642/Del/92.

B

BST Holdings Pty. Ltd.,—681/Del/92.
Bedi, J. L.—634/Del/92.
Bedros Funduklian.—584/Del/92.
Bio-Technology General Corporation.—645/Del/92.
British Petroleum Co.. Plc. The.—602/Del/92.

C

Carrier Corporation.—636/Del/92.
Chief Controller, Research & Development The.—647/Del/92.
Colgate-Palmolive Co.,—595/Del/92, 596/Del/92 & 655/Del/92,
Continental Electronics Corporation.—588/Del/92.

Council of Scientfiic & Industrial Research.—608/Del/92, 609/Del/92, 610/Del/92, 611/Del/92, 612/Del/92, 613/Del/92, 614/Del/92, 615/Del/92, 616/Del/92, 617/Del/92, 618/Del/92, 619/Del/92, 620/Del/92, 621/Del/92, 626/Del/92, 627/Del/92, 628/Del/92, 629/Del/92, 630/Del/30, 676/Del/92, 677/Del/92, 678/Del/92, 679/Del/92, 680/Del/92.

D

De La Rue Giori S.A.—585/Del/92.
Director, Central Pulp & Paper Research Institute, The.—646/Del/92.

E

Eastman Kodak Co.,—652/Del/92.
Eropol Finance Et Development.—638/Del/92.
Exxon Chemical Patents, Inc.—583/Del/92.

G

GEC Alsthom S.A.—603/Del/92, 639/Del/92, 643/Del/92.
General Electronic Co.—670/Del/92
Ghigo, M.—580/Del/92.
Ghosh, G.—673/Del/92.
Gill, I. S.—666/Del/92.
Gould Inc.,—640/Del/92, 654/Del/92.

H

Hartalega Industries SDN, BHD.—604/Del/92.

I

Imperial Chemical Industries Plc.,—601/Del/92.
Indian Institute of Technology.—672/Del/92.
Institut Gornogo Dela Sibirskogo Otdelenia Rossiiskoi Akademii Nauk.—632/Del/92, 633/Del/92, 685/Del/92.

J

John Crane UK Ltd.,—600/Del/92.

K

Kos, B.—597/Del/92.
Kurihara, Y.—641/Del/92, 642/Del/92.

L

Lexmark International, Inc.,—599/Del/92.
Lubrizol Corporation, The.—662/Del/92, 668/Del/92.

M

Maitra, U. K.—631/Del/92.
Malhotra, A. R.—671/Del/92.
Manoir Industries.—606/Del/92.
Maploca of Illinois, Inc.—625/Del/92.
Marhold, H.—597/Del/92.
Maria Rosalia Garcia Nanez.—561/Del/92.
Michigan State University.—661/Del/92.

P

Pong, D. T.—607/Del/92.
Procter & Gamble Co., The.—579/Del/92, 650/Del/92, 651/Del/92, 656/Del/92, 657/Del/92, 658/Del/92, 659/Del/92, 660/Del/92, 675/Del/92.
Proizvodstvennoe Obiedinenie "Uralmash".—632/Del/92, 633/Del/92, 685/Del/92.

R

Registrar, Kurukshetra University, The.—648/Del/92. 649/Del/92.
Rohatgi, P. K.—582/Del/92.
Rohm & Haas Co.,—624/Del/92, 667/Del/92, 669/Del/92.

S

Shaw, V. K.—637/Del/92.
Shell Internationale Research Maatschappij B.V.—587/Del/92.
Shriram Institute for Industrial Research.—589/Del/92, 590/Del/92, 591/Del/92, 592/Del/92, 663/Del/92, 664/Del/92, 665/Del/92, 682/Del/92, 683/Del/92, 684/Del/92.
Sir Padampat Research Centre.—593/Del/92, 594/Del/92, 674/Del/92.
Stanadyne Automotive Corpn.—586/Del/92.
Steel Authority of India Ltd.—598/Del/92.
Stein Industrie.—605/Del/92.

U

University of Massachusetts Lowell.—583/Del/92.
University of Sydney, The.—635/Del/92.
Uwe Sonnenrein.—622/Del/92.

V

Verlag "Kornelius" Gmbh.—686/Del/92.

W

Williames Hi-Tech. International Pty. Ltd.,—653/Del/92.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the entries is the date of the registration of the design included in the entry.

Class 1. Nos. 164756 & 164757. Sumeet Machines Pvt. Ltd. of A/11/2 and A/11-3, Ambad Industrial Estate, Addl. Nasik Industrial Area, Nasik-422010, Maharashtra, India, Indian Company. "Mixer grinding blade". September 7, 1992.

Class 1. Nos. 164766 & 164767. Sumeet Machines Pvt. Ltd. of A/11/2 and A/11-3, Ambad Industrial Estate, Addl. Nasik Industrial Area, Nasik-422010, Maharashtra, India, Indian Company. "Mixer-Mincer Blade". September 7, 1992.

Class 1. No. 164771. Zuko Engineers of G.T. Road, Model Town, Ambala City, Punjab, India, Indian Co. "Door Closure". September 8, 1992.

Class 1. Nos. 164892 & 164893. Crompton Greaves Ltd., Indian Company of 1, Dr. V. B. Gandhi Marg, Bombay-400023, Maharashtra, India "Railway carriage fan". October 15, 1992.

Class 3. 164552. Lakme Limited, Indian Company of Bombay House, 24, Homi Mody Street, Bombay-400001, Maharashtra, India. "Lipstick container (without cap)". July 16, 1992.

Class 3. No. 164560. Milton Plastics of Raheja Centre, 214, Nariman Point, Bombay-400021, Maharashtra, India. "Water Bottle". July 20, 1992.

Class 3. No. 164561. Milton Plastics of Raheja Centre, 214, Nariman Point, Bombay-400021, Maharashtra, India. "Flask". July 20, 1992.

Class 3. No. 165017. Sharad Natverlal Shah, 402, Mala Apartment, Dadabhai Cross Road No. 1, Vile Parle (West), Bombay-400056, Maharashtra, India, Indian. "Domestic Iron". November 20, 1992.

Class 3. No. 164751. Ionochem of 101, Sitanath Bose Lane, Salkia, Howrah-711106, West Bengal, India, appropriatory firm. "Instant water filter". September 4, 1992.

Class 3. No. 164758. Sumeet Machin[illegible] 2 & A/11-3, Ambad Industria[illegible] Industrial Area, Nasik-422010, M[illegible] Indian Co. "Mixer collector bowl . 1992.

Class 3. No. 164762. Sumeet Machines Pvt. Ltd. of A/11-3, Ambad Industrial Estate, Addl. Industrial Area, Nasik-422010, Maharashtra, Indian Co. "Mixer Juicer cone". September 1992.

Class 3. No. 164826. Tokyo Plast, Tokyo House, 9/49, Maro Co-operative Industrial Estate, Off M. V. Road, Sakinaka, Andheri (E), Bombay-400059, Maharashtra, India, Indian Partnership Firm. "Romento Mug", September 28, 1992.

Class 3. No. 164862. Marquardt GmbH. of Schloss-Strasse 16, 7207 Raitheim-Weilheim, Federal Republic of Germany, German Company. "Keyboard". October 7, 1992.

Class 3. Nos. 164881 & 164882. V.I.P. Industries Ltd. of 78-A, MIDC Estate, Satpur, Nashik-422007, Maharashtra, India, Indian Company. October 12, 1992.

Class 10. No. 164806. Samar Singh Nahar, 7, Nandalal Jiu Road, Calcuta-700026, W.B., India, Indian. "Protective Toe Caps". September 21, 1992.

Copyright extended for the 2nd period of five years.

No. 159587 .. Class 1.

Copyright extended for the 3rd period of five years.

Nos. 161914, 161686 & 159165 .. Class 3.

No. 161687 .. Class 4.

R. A. ACHARYA
Controller General of Patents, Designs and Trade Marks

प्रबन्धक, भारत सरकार मुद्रणालय, फरीदाबाद द्वारा मुद्रित
एवं प्रकाशन नियंत्रक, दिल्ली द्वारा प्रकाशित, 1993
PRINTED BY THE MANAGER, GOVERNMENT OF INDIA PRESS, FARIDABAD,
AND PUBLISHED BY THE CONTROLLER OF PUBLICATIONS, DELHI, 1993